

January 12, 2018

**VIA ELECTRONIC FILING**

Marlene H. Dortch, Secretary  
Federal Communications Commission  
445 12th Street, SW  
Washington, DC 20554

Re: *Promoting Technical Solutions to Combat Contraband Wireless Device Use in  
Correctional Facilities*, GN Docket No. 13-111  
*Ex Parte* Presentation

Dear Ms. Dortch:

On January 10, 2018, Eric Hagerson, Percy Padua, and Trey Jackson of T-Mobile, Bill Payne, Bill Alberth, Mark Birchler, and Matt Natarajan of Roberson and Associates, LLC (“Roberson”), and I held a conference call to discuss a paper Roberson is working on with regard to contraband wireless devices, particularly Managed Access Systems (“MAS”) and jamming technologies. Charles Mathias, Mary Claire York, Roger Noel, Lloyd Coward, and Meaghan Ryan of the FCC’s Wireless Telecommunications Bureau participated in the call.

During the call, Roberson provided an overview of the comparative model it has created to analyze the similarities and differences between MAS and Precision Jamming Systems. Central to this discussion was the radio frequency environment at different correctional facilities, the coverage footprint requirements of any proposed solution, the ability of MAS and Precision Jamming Systems to deny service to unauthorized devices, and the importance of preserving local commercial wireless networks. Also central to the discussion was the cost of MAS and Precision Jamming Systems.

This letter is submitted in accordance with Section 1.1206(b) of the Commission’s rules, 47 C.F.R. § 1.1206(b). If you have any questions, please contact the undersigned.

Respectfully submitted,

/s/ Danielle K. Thumann  
Danielle K. Thumann

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cc: Charles Mathias  
Mary Claire York  
Roger Noel  
Lloyd Coward  
Meaghan Ryan